

FIG. 3

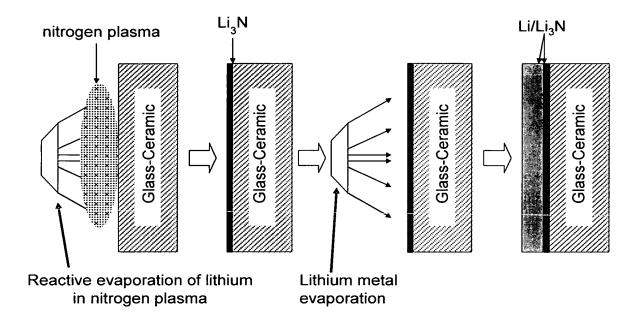


FIG. 4A

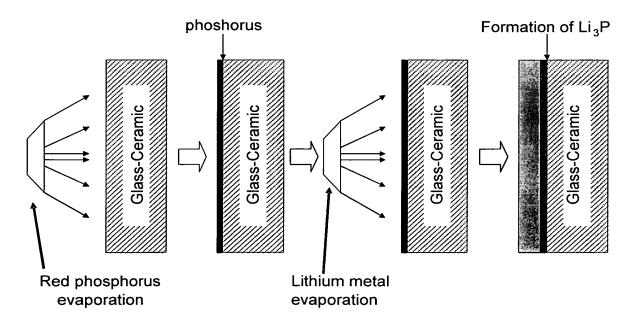
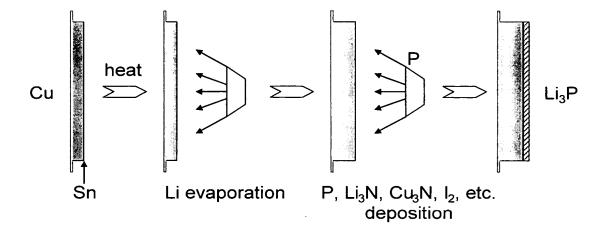


FIG. 4B



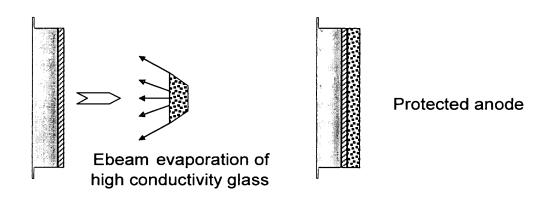


FIG. 5

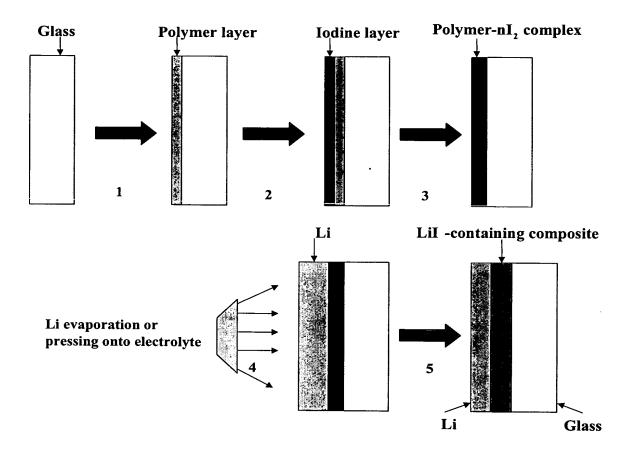


FIG. 6A

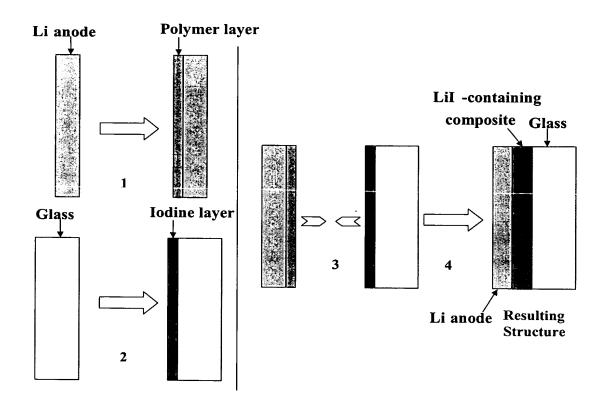


FIG. 6B

Impedance Plot for Solid-State Cell: Li | LiPON | Cu

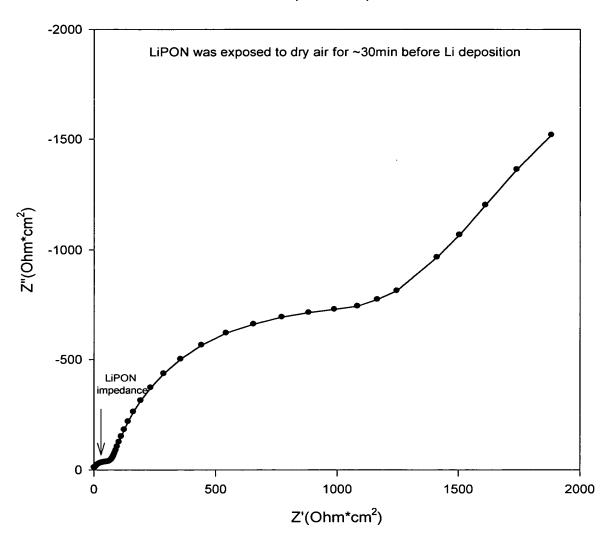


FIG. 7A

Impedance Plot for Solid-State Cell: Li $|Cu_3N|$ LiPON | Cu LiPON surface is protected with in situ formed Li₃N

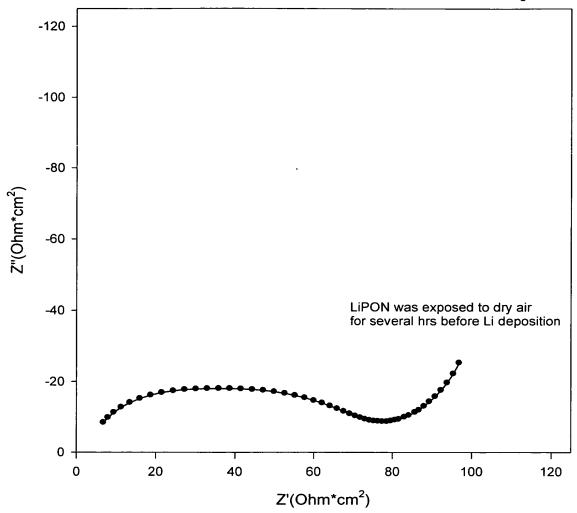


FIG. 7B

Impedance Plot for Solid-State Cell: Li | OHARA plate | Au

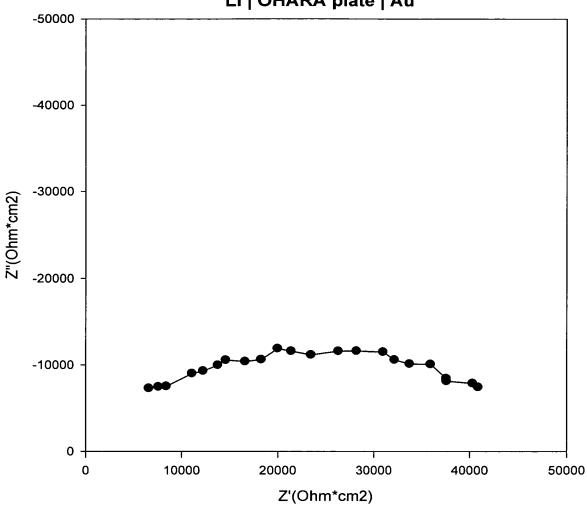


FIG. 8A

Impedance Plot for Solid-State Cell: Li | Cu₃N | OHARA plate | Au

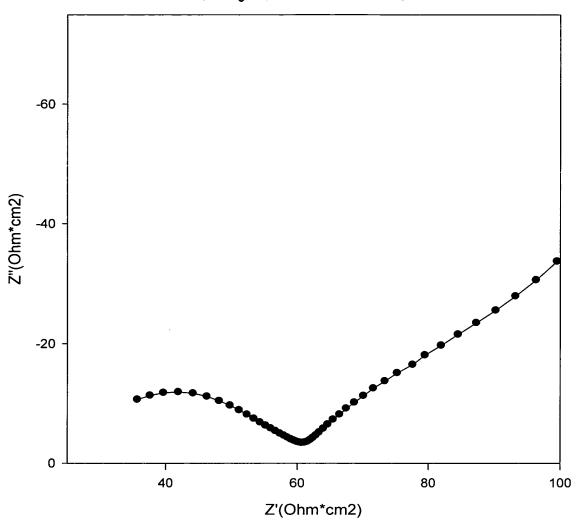


FIG. 8B

Impedance Plot for Cells Having Unprotected and Cu₃N-protected OHARA Material

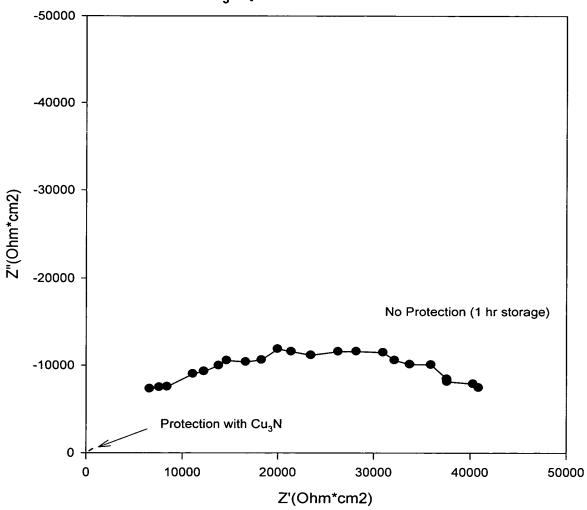


FIG. 8C

Cyclic Voltammetry for Solid State Cell: Li | Cu₃N | OHARA plate | Au

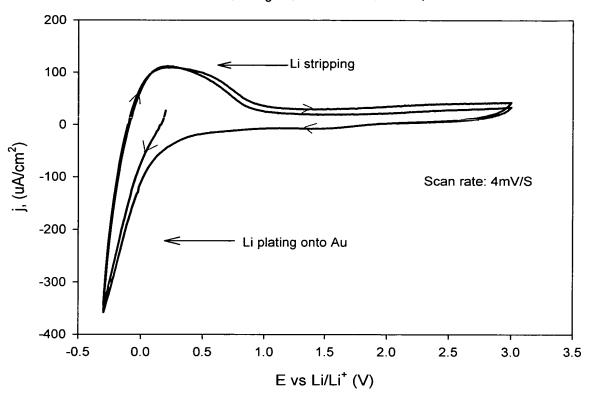


FIG. 8D